

## Successor Coeur d'Alene Custodial Trust

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**Via E-mail**

July 25, 2017

Ms. Tracy Chellis  
Mr. Bill Adams  
U.S. EPA  
1200 Sixth Ave.  
Suite 900  
Seattle, WA 98115

SUBJECT: 2nd Quarter 2016 Report

Dear Tracy and Bill:

Attached is the 2nd Quarter 2017 Report for the Successor Coeur d'Alene Custodial Trust. The report consists of:

- A bulleted narrative of remediation activities and asset management
- A budget and expenditure spreadsheet for the quarter
- A summary spreadsheet showing the values of the three accounts
- The quarterly investment and bank account statements from BlackRock and Wells Fargo (sent to Bill with the hard copy of this report).

I certify that the reports are true and accurate to the best of my knowledge, information, and belief.

Sincerely,



Dan Silver  
Trustee

Cc. Dan Meyer

Enclosures

## **Coeur d'Alene Trust**

### **2<sup>nd</sup> Quarter 2017 Work Completed**

#### **Program Management (#2017-02)**

- Managed Coeur d'Alene Trust databases and files.
- Coordinated with USEPA regarding analytical database and upload to SCRIBE.
- Finalized and submitted an updated Statement of Work with USEPA.
- Coordinated access agreements for Coeur d'Alene projects.
- Prepared materials for Mine Ventures access agreement, reciprocal access agreement, environmental covenant, and supporting information.
- Coordinated programmatic cultural resources compliance, reporting, and contracting.
- Prepared and coordinated repository waste management document forecasting capacity.
- Prepared data submittal for Pfall-Rust near Rex Complex.
- Prepared prioritization and 10-year budget report.

#### **EFNM WCA Waste Placement (#2017-03)**

- Coordinated with contractor for upcoming field season.
- Completed site preparations for 2017 operations and waste acceptance.
- Prepared and submitted EFNM WCA 2016 Expansion Remedial Action Completion Report.
- Conducted waste placement activities and complete weekly reports for USEPA.

#### **Success Complex Construction (#2017-04)**

- Coordinated with contractor for upcoming field season.
- Conducted waste removal activities and complete weekly reports for the USEPA.
- Prepared and coordinated 401/404 permit, dewatering plan, and bird survey.
- Finalized and submitted the Success Complex 100% design report to USEPA incorporating adit management information.
- Coordinated with contractors and submitted weekly reports for the Success Complex to USEPA.
- Completed bridge surveys inspection and documentation, and conducted necessary maintenance.

#### **Interstate Millsite Design (#2017-05)**

- Prepared and submitted the Remedial Design Work Plan and 30% Design memorandum to USEPA.
- Attended meeting with USEPA and US Army Corps of Engineers regarding 30% design.
- Prepared and submitted the 2016 Upper EFNM Investigation Report to USEPA.
- Prepared and reviewed 60% design report and appendices -- QAPP, O&M Plan, and CQAP.
- Prepared and submitted the Interstate Millsite sample plan alteration form to USEPA for supplemental geotechnical investigation.
- Coordinated with subcontractors regarding 2017 scope of work.

**Tamarack Complex Investigation (#2017-06)**

- Finalized and submitted Tamarack Complex investigation QAPP with USEPA.
- Coordinated with subcontractors regarding 2017 scope of work.

**SVNRT Repository Design (#2017-07)**

- Prepared and submitted investigation QAPP Addendum for USEPA review.
- Prepared draft construction QAPP.
- Coordinated with subcontractors regarding 2017 scope of work.
- Prepared text and figures for and attended SVNRT Repository public meeting.
- Prepared and submitted final 30% SVNRT Repository basis of design report.
- Purchased Hinsz property north of SVNRT Repository to facilitate remedial action.
- Prepared 60% remedial design.

**Source Control Planning and Wastewater Assessment (#2017-08)**

- Prepared Canyon Creek Basin water treatment background report summarizing available characterization data and basin conditions.
- Prepared Canyon Creek point source data and focused feasibility study.

**Operations and Maintenance for Completed Source Control Remedies (#2017-09)**

- Prepared documentation for March, high-flow inspection at the Osburn USBM site.
- Conducted May inspections at the Osburn USBM site and prepare paperwork.
- Conducted May inspection at the Rex Complex.
- Coordinated inspection findings and suggested remedies for deficiencies with the Coeur d'Alene Trust and CDM Smith for the Rex Complex

**Lower Burke Canyon Repository (LBCR) Operations (#2017-10)**

- Repository operations and ICP facility maintenance.
- Conducted monthly site inspections.
- Coordinated with contractors regarding reporting, hydroseeding, and maintenance of BMPs.
- Prepared and submitted the 2016 LBCR Annual Report, which included the Vibrating Wire Memorandum, to the USEPA for review.

**Repositories Operations Management (#2017-10)**

- Prepared materials for and attended Repository Operations construction kickoff meeting.
- Coordinated contractor submittals.
- Coordinated certified industrial hygienist memorandum and specifications.

**Limited Use Repositories (LURs) Operations (#2017-11)**

- Repository operations.
- Conducted monthly site inspections.
- Reviewed and coordinated contractor deliverables and invoices.
- Project communications regarding monthly deliverables.
- Prepared and submitted Final 2016 Basin Repository Annual Report to USEPA.

**East Mission Flats Repository (EMFR) Operations (#2017-12)**

- Repository operations and ICP facility maintenance.
- Conducted monthly site inspections.
- Communications with contractors regarding maintenance of BMPs, operations, and submittals.
- Reviewed weekly and monthly contractor submittals.
- Established control points.
- Prepared and transmitted Final 2016 Basin Repository Annual Report to USEPA.

**Big Creek Repository (BCR) Operations (#2017-13)**

- Conducted repository operations and ICP maintenance.
- Prepared and submitted 2016 Annual Operations Report.
- Communications regarding wetland survey.
- Conducted monthly site inspection
- Coordinated with contractor regarding weekly and monthly reporting.
- Conducted bridge inspection and documentation, and conduct necessary maintenance.
- Prepared and submitted Final 2016 Basin Repository Annual Report to USEPA.
- Prepared and submitted Waste Placement memorandum to USEPA.

**Mullan Institutional Control Program (ICP) Transfer Station (#2017-14)**

- Coordination with IDEQ, USEPA, Panhandle Health, and city of Mullan regarding the approach to managing the facility.

**RA Effectiveness Monitoring and Other Water Monitoring (#2017-15)**

- Prepared remedial action effectiveness report incorporating USEPA comments.
- Submitted monitoring analytical results to USEPA's SCRIBE database.
- Coordinated water monitoring activities with multiple organizations and stakeholders.
- Ninemile and Canyon Creek Monitoring:
  - Monitored USGS transducer data for peak flow conditions.
  - Prepared EFNW WCA evaluation memorandum, and Canyon Creek loading assessment.
  - Conducted peak flow sampling activities in Ninemile Basin and Canyon Creek Basin and at EFNW WCA performance monitoring locations.
  - Reviewed and managed subcontractor peak flow deliverables and data submittals.
  - Prepared Tier II and IV validations.
  - Prepared and reviewed EFNW WCA performance evaluation.
  - Prepared 2016 Ninemile Basin Monitoring report.
  - Prepared and submitted 2016 Canyon Creek Basin Monitoring report.
  - Laboratory analysis of samples collected during sampling events.
- Repositories (BCR, BCRA, and EMFR) Monitoring:
  - Prepared and submitted 2016 Monitoring Report for EMFR to USEPA and IDEQ.
  - Prepared 2016 BCR/BCRA Monitoring Report.
  - Conducted monitoring at BCRA and EMFR.
  - Laboratory analysis of samples collected during sampling events.

- Reviewed and managed subcontractor deliverables and data submittals.
- Prepared Tier II and IV validations.
- Prepared and submitted prediction limit evaluation for EMFR.
- Prepared prediction limit evaluation for BCR.
- Monitored water levels at repositories during flood conditions at EMFR.

#### **Lower Basin Pilot Projects (#2017-16)**

- Reviewed and discussed with USEPA's Lane Marsh draft QAPP.
- Prepared figures at USEPA's request for technical workgroup meeting.
- Coordination and communication with USEPA regarding thin layer pilot project in Lane Marsh.
- Prepared for and conducted site O&M visit at Kahnderosa.
- Prepared and submitted to USEPA the final O&M plan for the Kahnderosa site.

#### **Remedy Protection Program (#2017-17)**

- Prepared and submitted to USEPA the Rosebud Gulch 90% design, construction quality assurance plan, and remedial action work plan.
- Prepared and submitted to USEPA the 100 % Hunt Gulch design and remedial action work plan.
- Prepared Rosebud Gulch 100% design reports, drawings, and specifications.
- Prepared combined bid packages for Rosebud Gulch, Hunt Gulch, and Printer's Creek.
- Conducted construction oversight for Copper/Boulder and Mill Creek remedy protection projects.
  - Monitored status of measures constructed in 2016.
  - Reviewed construction phase submittals for Copper Street/Boulder Creek Phase II and Mill Creek Phase II work.
  - Monitored construction at Copper-Street/Boulder Creek, and documented progress.
  - Communication and documentation with City of Mullan and contractor regarding construction items.
  - Prepared work change directive for Mill Creek project and requested change order items.
  - Coordinated with contractor to obtain additional QA/QC record from Copper/Boulder's 2016 season.
  - Performed inspection of winterized sites in preparation for 2017 start-up.
  - Prepared documentation of QA from prior years' work in Mullan.
  - Produced Mullan Completion Report.
- Prepared and submitted final Silverton remedial action completion report.
- Prepared 2017 Remedy Protection Health and Safety Plan.
- Collaborated with governmental entities, utilities, homeowners, and all others impacted or potentially impacted by Remedy Protection activities.

#### **Basin Property Remediation Program (# 2017-18)**

- 18 individual properties were sampled through June comprising a total of 580 soil samples, 30 vacuum dust samples (for the House Dust Vacuum Comparison Study) and 50 drinking water samples (from 16 individual properties).
- Completed remediation on 17 properties.
- 8 additional properties are in process of remediation.
- Property negotiations and walkthroughs are being conducted to incorporate additional properties into the 2017 program.

#### **Roadway Improvement Program (# 2017-19)**

- Continued to work with the Roads Board to update the 2017 roads program budget and scope of work for each of the communities.
- Worked with the Roads Board and the individual communities to provide reimbursement for roadway Engineering, Project Administration and Construction activities completed by the Cities of Osburn, Wallace, Mullan, and Shoshone County.

#### **Asset Management**

- Peterson Sullivan completed an audit of 2016 expenditures and investments.
- The Trust provided access to its property for pipeline repair by Northwest Pipeline.
- The Trust renewed its annual automobile, property, and general liability insurance.
- The Trust has expended \$3.1m through June 30 and anticipates expending \$18.0m through the year, with a projected year-end budget balanced of \$2.7m.
- The value of the Trust increased by \$12.2m in the quarter. Through the first six months the Trust has increased \$31.0m in value.

**2nd Quarter 2017**

	<i>General Work Account</i>	<i>Special Work Account</i>	<i>Custodial Account</i>	<i>1st Q Totals</i>
<b>Beginning Account Value</b>	<b>\$ 466,947,149</b>	<b>\$ 47,372,023</b>	<b>\$ 38,572</b>	<b>\$ 514,357,744</b>

**BlackRock Investment Accounts**

Beginning Account Value	\$ 443,616,022	\$ 47,372,023	\$ -	\$ 490,988,045
Change in Value	\$ 12,974,168	\$ 1,386,216	\$ -	\$ 14,360,383
Subtotal: Ending Balance	\$ 456,590,190	\$ 48,758,239	\$ -	\$ 505,348,428

**Wells Fargo Analyzed Business Checking**

Beginning Account Value	\$ 1,791,421	\$ 1,791,421
Credits	\$ 3,000,287	\$ 3,000,287
Debits	\$ (2,108,269)	\$ (2,108,269)
Subtotal: Ending Balance	\$ 2,683,440	\$ 2,683,440

**Wells Fargo Commercial Savings**

Beginning Account Value	\$ 21,539,706	\$ 38,572	\$ 21,578,278
Deposit from Investment Acct.	\$ -	\$ -	\$ -
Debit	\$ -	\$ -	\$ -
Transfer to Checking	\$ (3,000,000)	\$ (3,000,000)	\$ (3,000,000)
Interest	\$ 10,213	\$ 7	\$ 10,220
Subtotal: Ending Balance	\$ 18,549,919	\$ 38,579	\$ 18,588,498

<b>Quarter End Account Value</b>	<b>\$ 477,823,548</b>	<b>\$ 48,758,239</b>	<b>\$ 38,579</b>	<b>\$ 526,620,366</b>
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<b>Quarterly Change in Value</b>				<b>\$ 12,262,622</b>
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Project No.	Task	EPA-Approved Budget	Expended To Date 2017	Percent of EPA Budget Expended	Projected Total 2017 Cost	Projected End-of-Year Balance
	<b>Coeur d'Alene Trust Program Management</b>					
2017-01	Trust Administration	\$880,000	\$457,491	52%	\$880,000	\$0
2017-02	Program Management Assistance	\$240,000	\$75,988	32%	\$240,000	\$0
	<b>Source Control Sites</b>					
2017-03	EFNM WCA Expansion Construction and Waste Placement	\$1,100,000	\$84,802	8%	\$893,231	\$206,769
2017-04	Success Complex Construction	\$2,136,000	\$41,826	2%	\$2,026,322	\$109,678
2017-05	Interstate Millsite Design	\$503,000	\$195,435	39%	\$547,906	-\$44,906
2017-06	Tamarack Complex Investigation	\$549,000	\$54,891	10%	\$335,816	\$213,184
2017-07	SVNRT Repository (LBCR Annex) Design	\$1,407,000	\$517,931	37%	\$807,000	\$600,000
2017-08	Source Control Planning and Wastewater Assessment	\$200,000	\$36,756	18%	\$150,000	\$50,000
2017-09	Operations & Maintenance for Completed Source Control Remedies	\$152,000	\$3,653	2%	\$45,056	\$106,944
	<b>Repositories</b>					
2017-10	Repository Operations-Lower Burke Canyon Repository	\$380,000	\$110,653	29%	\$380,000	\$0
2017-11	Limited Use Repositories-Design, Operations, and Closure	\$261,000	\$82,659	32%	\$261,000	\$0
2017-12	Repository Operations-East Mission Flats Repository	\$163,000	\$13,354	8%	\$163,000	\$0
2017-13	Repository Operations-Big Creek Repository (including BCRA)	\$350,000	\$34,853	10%	\$350,000	\$0
2017-14	Mullan ICP Transfer Station	\$200,000	\$15,255	8%	\$200,000	\$0
	<b>RA Effectiveness Monitoring and Other Water Monitoring</b>					
2017-15	RA Effectiveness Monitoring and Other Water Monitoring	\$520,000	\$292,445	56%	\$564,177	-\$44,177
	<b>Lower Basin Pilot Projects</b>					
2017-16	Unspecified Lower Basin Pilot Projects(s)	\$200,000	\$26,286	13%	\$200,000	\$0
	<b>Remedy Protection Program</b>					
2017-17	Design and Construction of Remedy Protection Projects	\$2,820,000	\$173,442	6%	\$2,146,000	\$674,000
	<b>Basin Property Remediation Program</b>					
2017-18	Basin Property Remediation Program-Including Large Commercial Properties	\$4,000,000	\$456,973	11%	\$4,000,000	\$0
	<b>Roadway Improvement Program</b>					
2017-19	Design and Construction of Roadway Improvement Projects	\$4,340,000	\$403,398	9%	\$3,740,000	\$600,000
2017-20	Diesel Emissions Program	\$50,000	\$1,700	3%	\$18,244	\$31,756
	Contingency	\$250,000	\$0	0%	\$0	\$250,000
	<b>Total</b>	<b>\$20,701,000</b>	<b>\$3,079,791</b>		<b>\$17,947,752</b>	<b>\$2,753,248</b>